

Trigonometry #4

For problems 1 - 12, sketch a complete cycle of each graph by finding high, low, and critical points.

1) $y = \cos x$

2) $y = 2 \cos x$

3) $y = \cos 4x$

4) $y = 4 \cos 3x$

5) $y = \cos \frac{1}{3}x$

6) $y = 3 \cos \frac{1}{2}x$

7) $y = \sin x$

8) $y = 4 \sin x$

9) $y = \sin 3x$

10) $y = 5 \sin 2x$

11) $y = \sin \frac{1}{2}x$

12) $y = 3 \sin \frac{1}{2}x$